

Title (en)
Thin-walled container

Title (de)
Dünnwandiger Behälter

Title (fr)
Récipient à paroi mince

Publication
EP 1468930 B2 20190306 (EN)

Application
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Priority
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Abstract (en)
[origin: EP1468930A1] The present invention concerns a container having a body (1) formed by a wall or walls (4) with a diameter S1 and at least a neck (2) with a diameter S2, made from a semi-crystalline PET, having a wall thickness of less than 100 µm, substantially in the middle of its body and having a complex, three dimensional shape (3) convenient for gripping, this part having a diameter S3. <IMAGE>

IPC 8 full level
B65D 23/10 (2006.01)

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Cited by
WO2009053616A1; EP1954624B1; US9725293B2; FR2922146A1; AU2008315892B2; FR2922147A1; CN101842216A; EP2361875A1; EP3100975A1; FR2922151A1; US2021214114A1; US11964792B2; WO2014101957A1; WO2009053615A3; WO2009053617A3; WO2014101956A1; US9828166B2; US8043552B2; US9011756B2

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EP 1468930 A1 20041020; EP 1468930 B1 20101222; EP 1468930 B2 20190306; AP 2005003414 A0 20051231; AR 046486 A1 20051214; AT E492482 T1 20110115; AU 2004230189 A1 20041028; BR PI0409323 A 20060425; BR PI0409323 B1 20160412; CA 2521310 A1 20041028; CA 2521310 C 20120313; CL 2004000814 A1 20050204; CN 100355631 C 20071219; CN 1774370 A 20060517; CO 5660282 A2 20060731; DE 60335447 D1 20110203; EA 007761 B1 20061229; EA 200501616 A1 20060224; EP 1633642 A1 20060315; ES 2355715 T3 20110330; ES 2355715 T5 20191022; HR P20050888 A2 20051231; HU P0501101 A2 20060428; JP 2006523580 A 20061019; KR 20060023525 A 20060314; MA 27789 A1 20060301; MX PA05010983 A 20060308; MY 140356 A 20091231; OA 13118 A 20061110; PL 204874 B1 20100226; PL 378819 A1 20060529; PT 1468930 E 20110124; TN SN05263 A1 20070710; TW 200513411 A 20050416; US 10266298 B2 20190423; US 2006261027 A1 20061123; US 2013213922 A1 20130822; WO 2004092029 A1 20041028; ZA 200509180 B 20070228

DOCDB simple family (application)
EP 03008634 A 20030415; AP 2005003414 A 20040326; AR P040101257 A 20040414; AT 03008634 T 20030415; AU 2004230189 A 20040326; BR PI0409323 A 20040326; CA 2521310 A 20040326; CL 2004000814 A 20040415; CN 200480009858 A 20040326; CO 05104373 A 20051012; DE 60335447 T 20030415; EA 200501616 A 20040326; EP 04723536 A 20040326; EP 2004003194 W 20040326; ES 03008634 T 20030415; HR P20050888 A 20051007; HU P0501101 A 20040326; JP 2006504868 A 20040326; KR 20057019700 A 20051015; MA 28530 A 20051003; MX PA05010983 A 20040326; MY PI20041302 A 20040409; OA 1200500287 A 20040326; PL 37881904 A 20040326; PT 03008634 T 20030415; TN SN05263 A 20051014; TW 93110568 A 20040415; US 201313849217 A 20130322; US 55332905 A 20051206; ZA 200509180 A 20051114